Nucleonica: Tips & Tricks

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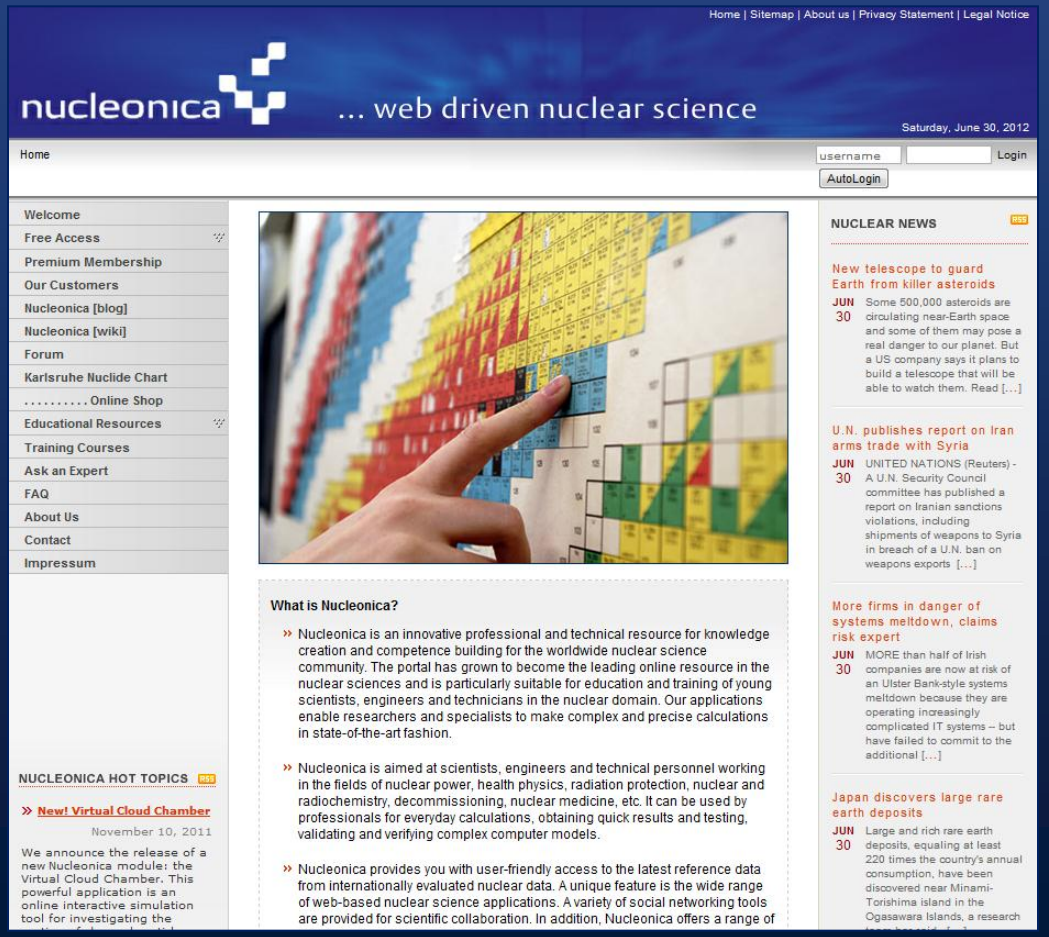
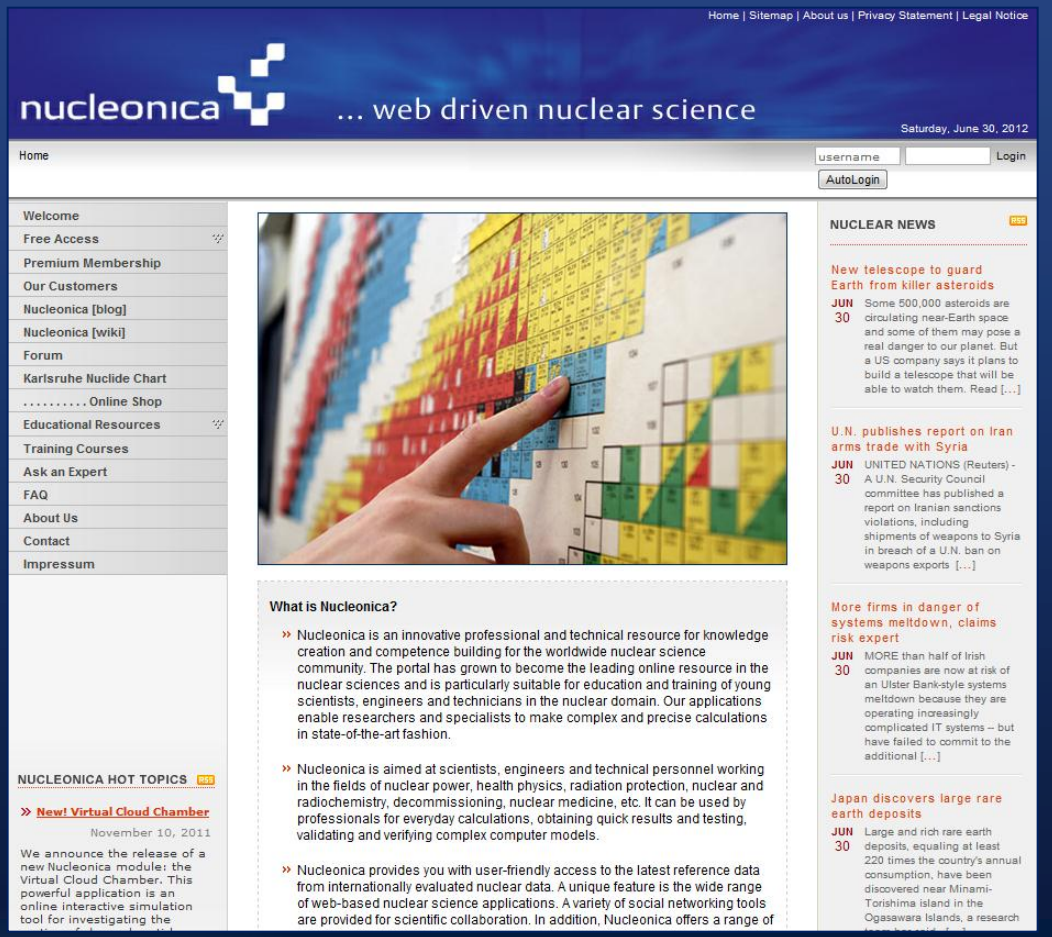


Nucleonica: Tips & Tricks

1. Using browser tabs
2. Using the wiki context sensitive Help
3. Accessing the Nucleonica blog
4. Increase font size in your browser
5. Using the datagrid / slider conrol to re-arrange data
6. Increase the default size of graphs in your web browser
7. How to change your login username and password



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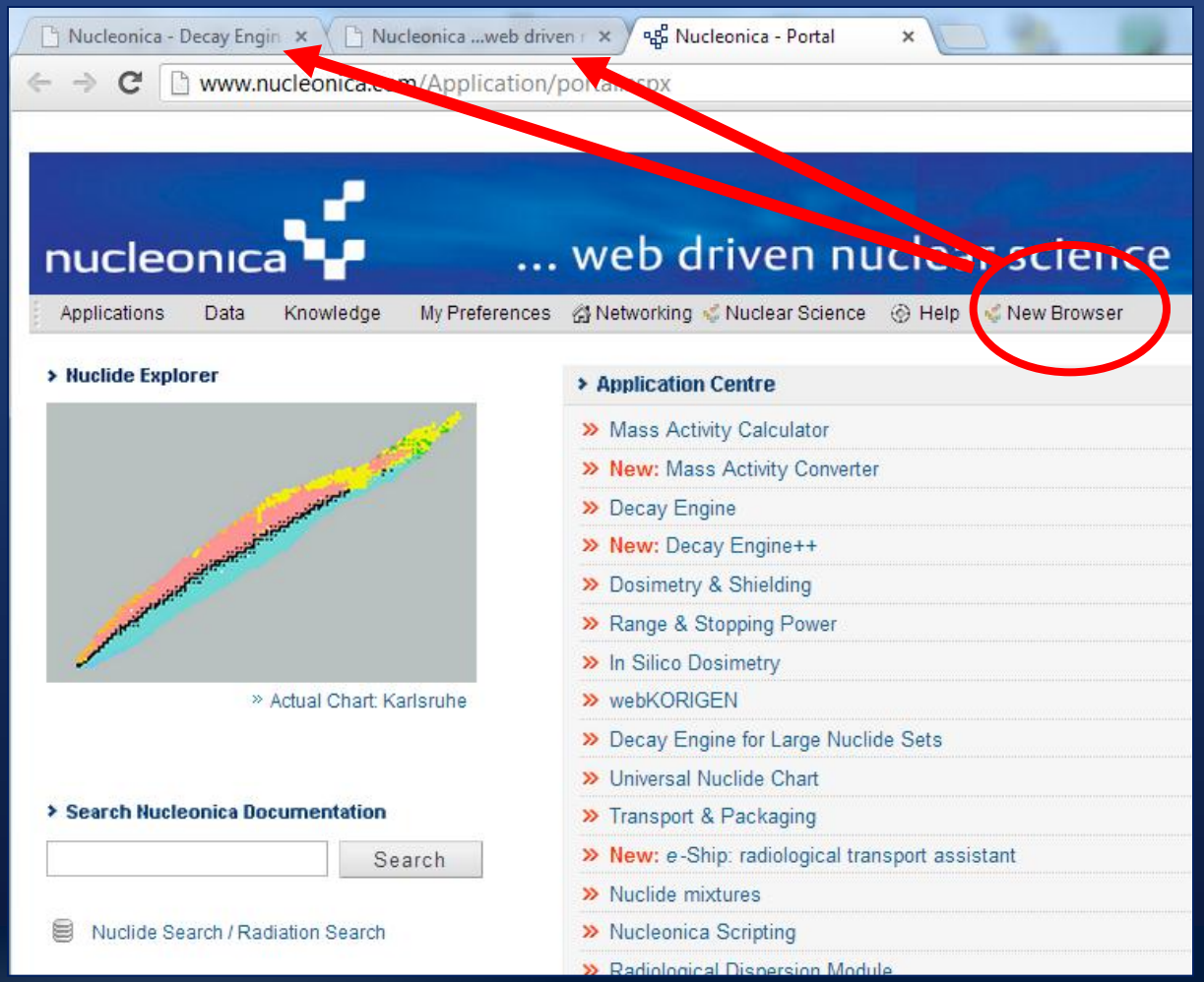
1. Open a new browser tab:

This allows you to have different applications / data pages in different tabs of the web browser.

Example: This example shows Nucleonica‘s nuclear science page in one of the tabs. By clicking on the New Browser link, new browser pages can be opened in different tabs. Here both the Decay Engine and Datasheets are shown in two additional tabs. The user can then move from one applciaiton to the other by selecting the appropriate tab.



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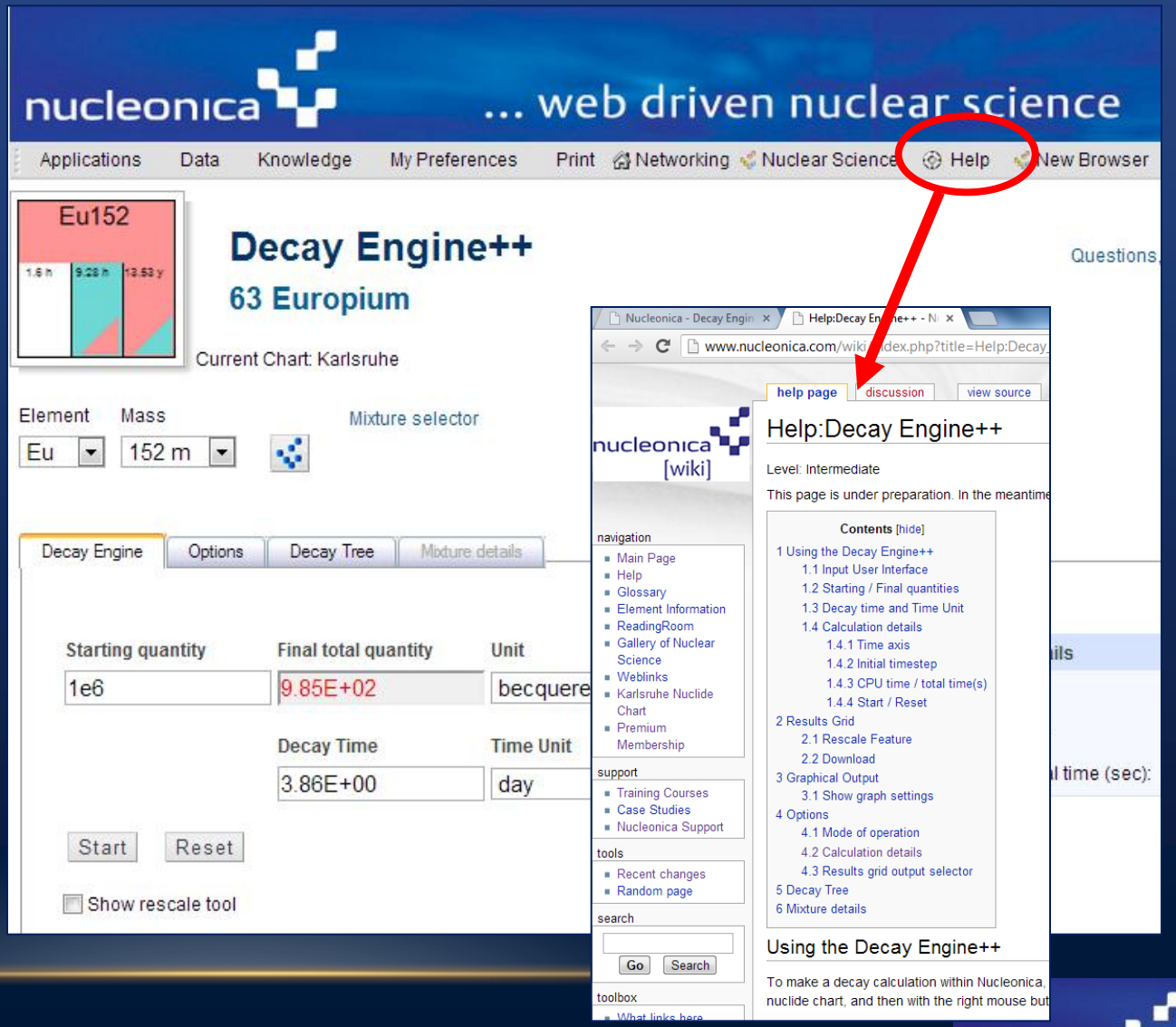
2. Use the wiki context sensitive Help

When using a particular application, the user can obtain information on, for example, how to use the application or find out the underlying theory, etc. by clicking on the Help button in the taskbar.

In the example shown, the Decay Engine application is being used. To find out how to use this application or information on the undelying theory, the user need only click on the Help button in the taskbar.

The wiki Help page for this application then opens in a new browser tab



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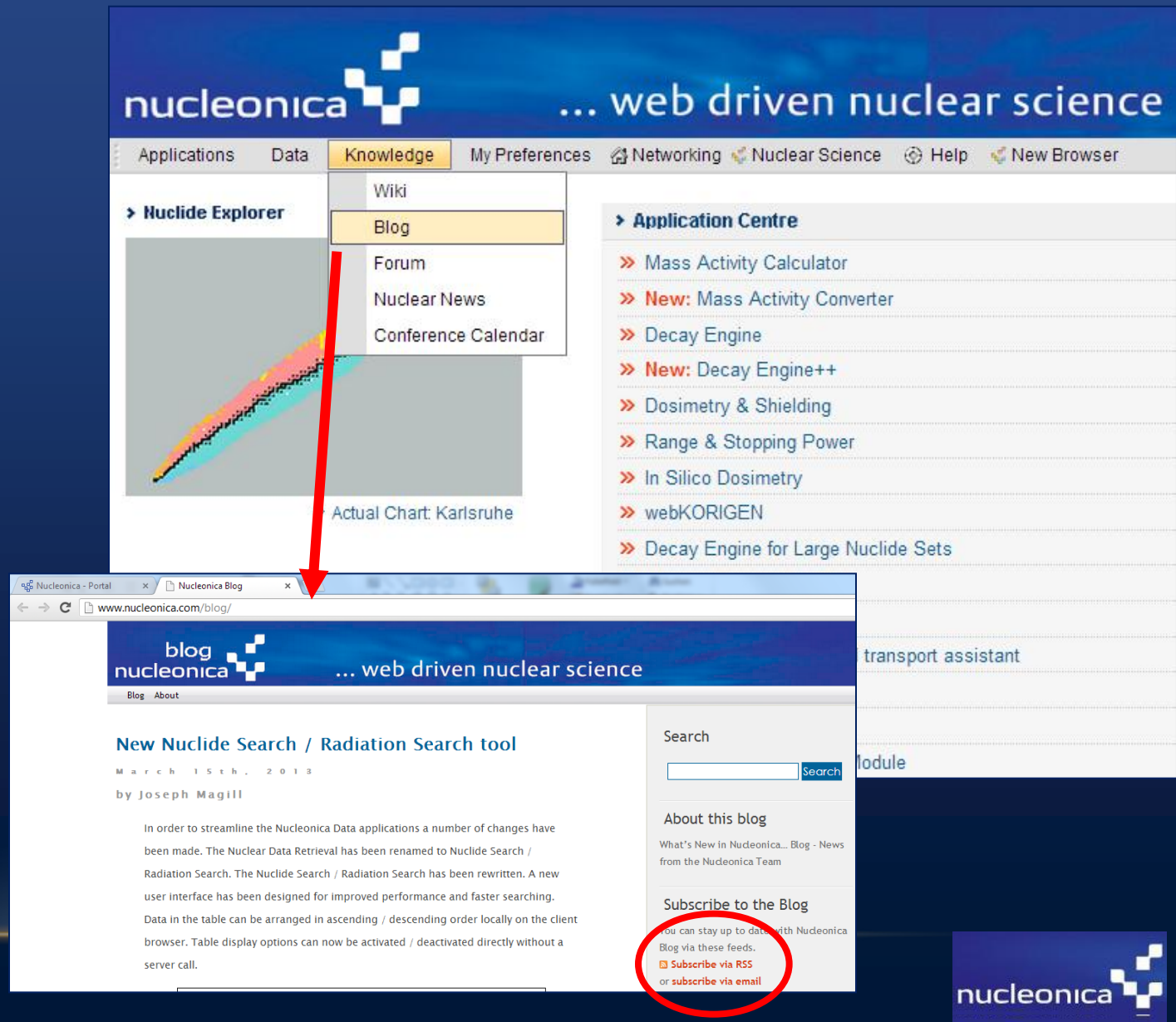
3. Access the Nucleonica blog

Users can keep informed of the latest developments on Nucleonica through the blog. This can be accessed from the Knowledge button in the taskbar. The blog is then opened in a new tab. Users can subscribe to the blog via email. As soon as new information is posted, the user will receive an alert by email.



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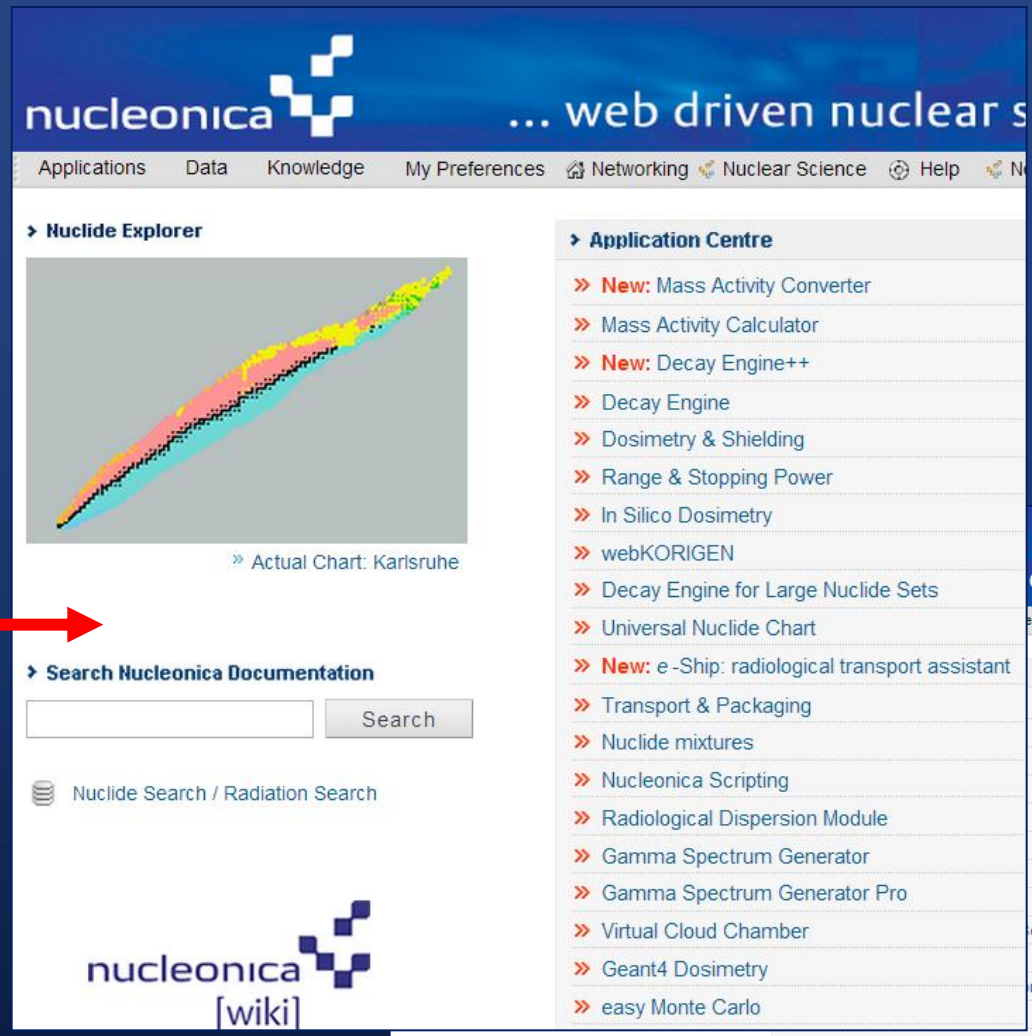
4. Increase font size in your browser

The font size in the browser window can be increased / decreased by pressing the key combination

Strg or Cntrl + +/-



nucleonica

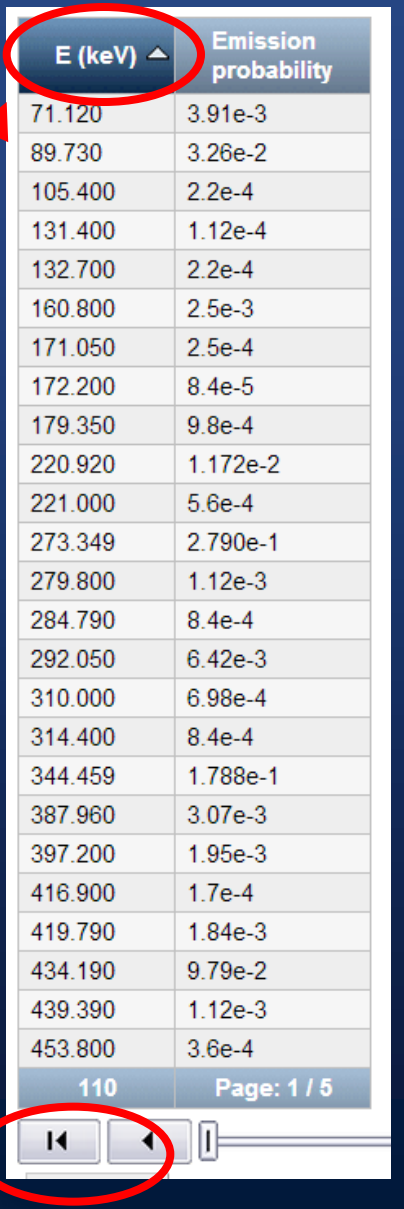
5. Using the datagrid / slider conrol to re-arrange data

We use the Datasheet++ Radiations to demonstrate this.

By default, the data is arranged by emission probability in ascending order (smallest value first).

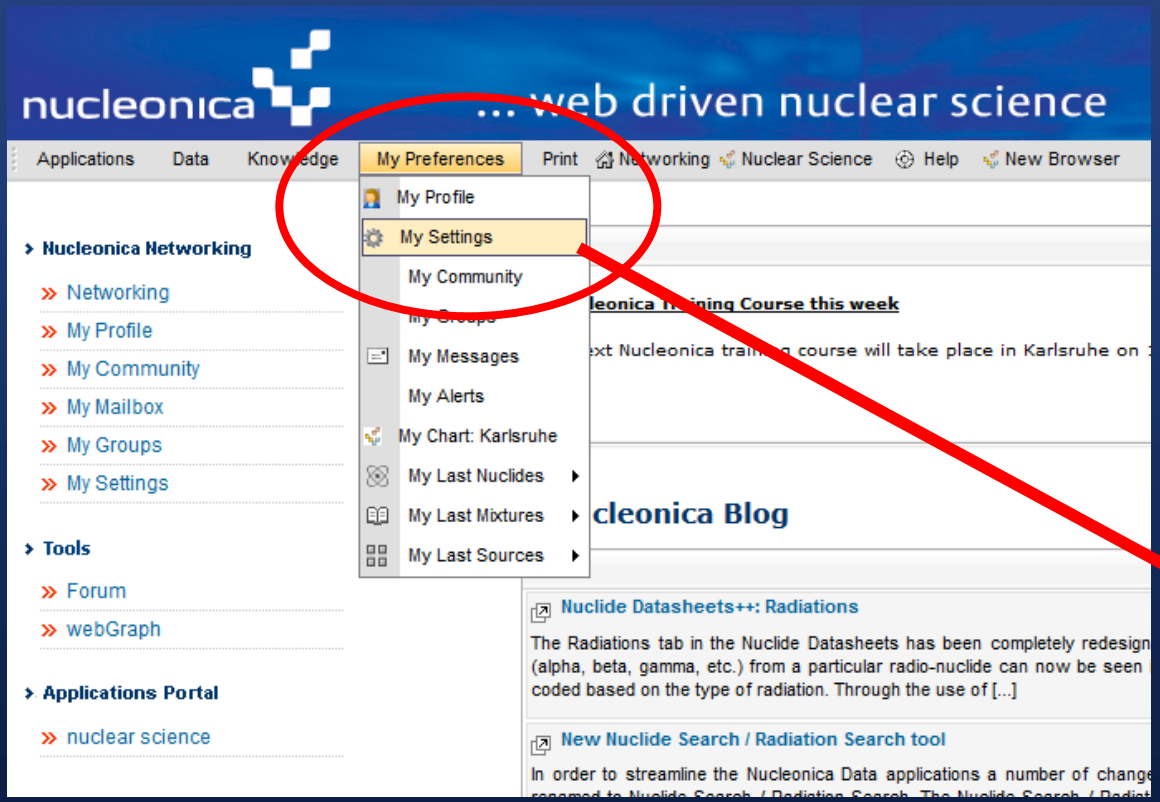
To sort by energy E(keV), the user check the header in the table to arrange in ascending / descending order. A small triangle is shown which is either pointing up (for ascending order) or down (for descending order).

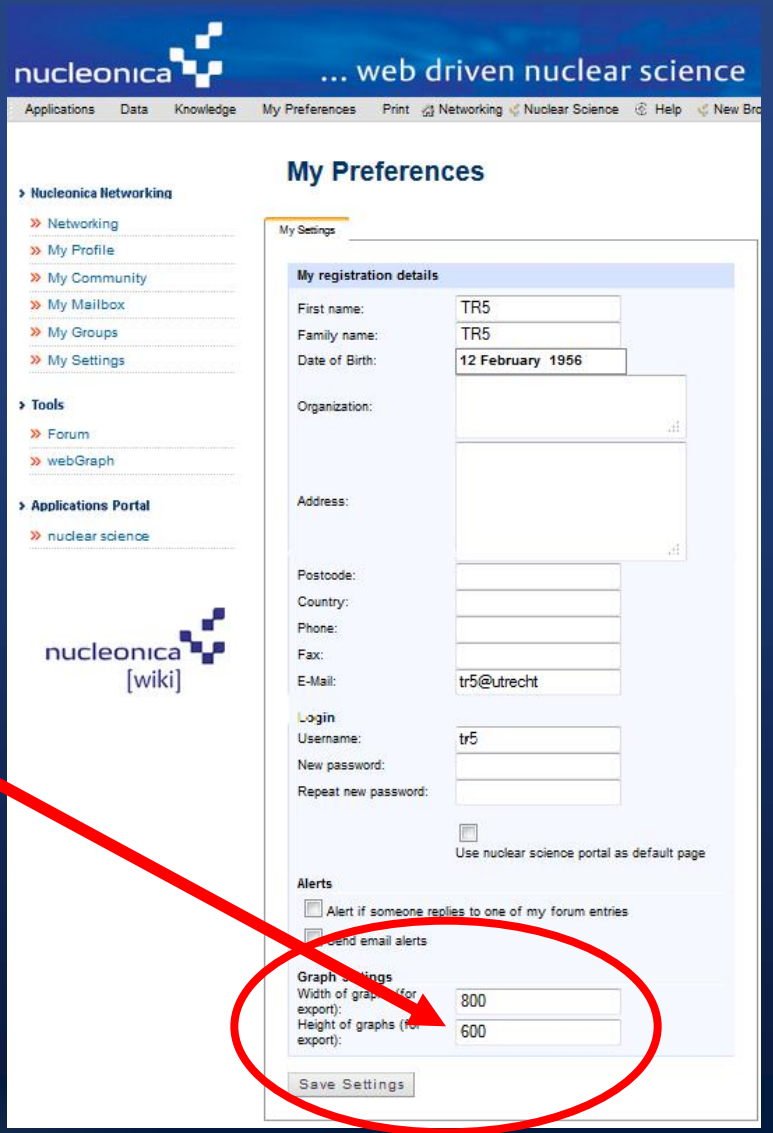
This action, however, will just rearrange the entries in the data page shown. To re-arrange the entire dataset, the user should then click on the scroll bar below the datagrid (on |< or <|). The entire dataset will then be re-arranged in ascending / descending order.



E (keV)	Emission probability
71.120	3.91e-3
89.730	3.26e-2
105.400	2.2e-4
131.400	1.12e-4
132.700	2.2e-4
160.800	2.5e-3
171.050	2.5e-4
172.200	8.4e-5
179.350	9.8e-4
220.920	1.172e-2
221.000	5.6e-4
273.349	2.790e-1
279.800	1.12e-3
284.790	8.4e-4
292.050	6.42e-3
310.000	6.98e-4
314.400	8.4e-4
344.459	1.788e-1
387.960	3.07e-3
397.200	1.95e-3
416.900	1.7e-4
419.790	1.84e-3
434.190	9.79e-2
439.390	1.12e-3
453.800	3.6e-4
110	Page: 1 / 5

6. Increase the defautl size of graphs in your web browser





7. Change your login username and password